

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	spme and ((needle or canula) with (holes or perforat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 12:55
L2	3	"solid phase microextraction" and ((needle or canula) with (holes or perforat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 12:57
L3	5	"solid phase microextraction" and ((needle or canula) with (particulat\$3 or powder or particle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 12:59
L4	1	("6800490").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 12:59
L5	14	"solid phase microextraction" and ((needle or canula) with (opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 13:21
L6	2	"solid phase microextraction" and ((needle or canula) with (beads))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 13:22
L7	13314	((422/58,69,99,100,101) or (73/863.21,73/863.23,864.71,864.72,54.42,61.43,61.59,61.76,64.56,863.71,335.11,335.13,864,864.51,864.74,864.16,864.16,864.21,864.87) or (436/178) or (356/417) or (385/12) or (604/164,11-15,190)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/07 13:34
L8	1210	17 and (SPME or SPNE or "solid phase")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 13:29
L9	22	18 and ((needle or canula) with (particulat\$3 or powder or beads or particle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 13:30

L10	22	18 and ((needle or cannula) with (particulat\$3 or powder or beads or particle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/07 13:30
S1	448	(73/863.23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:16
S2	712	(73/863.21,73/863.23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:17
S3	300	(73/863.21,/863.23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:17
S4	2284	(73/863.21,73/863.23,73/864.71,73/864.72,73/54.42,73/61.43,73/61.59,73/61.76,73/64.56,73/863.71,73/335.11,73/335.13,73/864,73/864.51,73/864.74,73/864.16,73/864.16,73/864.21,73/864.87).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:21
S5	852	(436/178).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:21
S6	5926	(422/58,422/69,422/99,422/100,422/101).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:22
S7	399	(356/417).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:22
S8	997	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/02/24 11:22
S9	706	(604/164,604/11-15,604/190).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2004/12/07 13:25

S10	463	((73/863.21, 73/863.23, 73/864.71, 73/864.72, 73/54.42, 73/61.43, 73/61.59, 73/61.76, 73/64.56, 73/863.71, 73/335.11, 73/335.13, 73/864, 73/864.51, 73/864.74, 73/864.16, 73/864.16, 73/864.21, 73/864.87).CCLS.) and (needle or canula or cannula or syringe)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 12:44
S11	240	((436/178).CCLS.) and (needle or canula or cannula or syringe)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 11:24
S12	1668	((422/58, 422/69, 422/99, 422/100, 422/101).CCLS.) and (needle or canula or cannula or syringe)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/12/07 13:24
S13	234	((604/164, 604/11-15, 604/190).CCLS.) and (needle or canula or cannula or syringe)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 11:24
S14	52	((385/12).CCLS.) and (needle or canula or cannula or syringe)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 11:37
S15	31	((356/417).CCLS.) and (needle or canula or cannula or syringe)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 11:24
S16	272	((604/164, 604/11-15, 604/190).CCLS.) and (sheath or cover or sleeve)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 11:38
S17	194	((((73/863.21, 73/863.23, 73/864.71, 73/864.72, 73/54.42, 73/61.43, 73/61.59, 73/61.76, 73/64.56, 73/863.71, 73/335.11, 73/335.13, 73/864, 73/864.51, 73/864.74, 73/864.16, 73/864.16, 73/864.21, 73/864.87).CCLS.) and (needle or canula or cannula or syringe)) and (sheath or cover or sleeve)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 11:39
S18	96	((((436/178).CCLS.) and (needle or canula or cannula or syringe)) and (sheath or cover or sleeve)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 11:39
S19	891	((((422/58, 422/69, 422/99, 422/100, 422/101).CCLS.) and (needle or canula or cannula or syringe)) and (sheath or cover or sleeve)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 14:19

S20	140	((604/164, 604/11-15, 604/190). CCLS.) and (needle or canula or cannula or syringe)) and (sheath or cover or sleeve)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 12:44
S21	4	("4476734" "4732046" "5565622" "5691206").PN.	USPAT	OR	ON	2003/02/24 11:53
S22	1	"6164144".URPN.	USPAT	OR	ON	2003/02/24 11:56
S23	15	("4003257" "4080182" "4249918" "4462880" "4849179" "5191211" "5242836" "5263359" "5305493" "5313821" "5363707" "5891729" "5891835" "6106786" "6164144").PN.	USPAT	OR	ON	2003/02/24 11:58
S24	2	("5700695" "5744095").PN.	USPAT	OR	ON	2003/02/24 12:05
S25	2	"6042787".URPN.	USPAT	OR	ON	2003/02/24 12:06
S26	2	("5429803" "5432098").PN.	USPAT	OR	ON	2003/02/24 12:08
S27	9	("3882864" "4178660" "4553960" "4783318" "5012845" "5079170" "5127831" "5147551" "5237993").PN.	USPAT	OR	ON	2003/02/24 12:09
S28	7	("3352306" "3459188" "3520298" "3547103" "3698396" "3730183" "3941119").PN.	USPAT	OR	ON	2003/02/24 12:13
S29	3	("4488814" "4949038" "4974927").PN.	USPAT	OR	ON	2003/02/24 12:16
S30	8	("3603156" "3732734" "3991617" "4009611" "4151750" "4248830" "4283950" "4487081").PN.	USPAT	OR	ON	2003/02/24 12:20
S31	6	"5272926".URPN.	USPAT	OR	ON	2003/02/24 12:21
S32	38444	(SPME) or (single adj phase)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 12:44
S33	64072	(SPME) or (solid adj phase)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 12:44
S34	9351	((SPME) or (solid adj phase)) and (needle or canula or cannula or syringe)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 12:44

S35	2828	((((SPME) or (solid adj phase)) and (needle or cannula or cannula or syringe)) and (sheath or cover or sleeve))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 12:44
S36	224	(((((SPME) or (solid adj phase)) and (needle or cannula or cannula or syringe)) and (sheath or cover or sleeve)) and ((porous or opening\$3) with (sleeve or cover or sheath)))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 13:13
S37	2	("5700695" "5744095").PN.	USPAT	OR	ON	2003/02/24 13:13
S38	2	"6042787".URPN.	USPAT	OR	ON	2003/02/24 13:13
S39	120	Pawliszyn	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/24 13:14
S40	5	("4521622" "4930898" "5403489" "5496741" "5565622").PN.	USPAT	OR	ON	2003/02/24 13:32
S41	0	"5693228".URPN.	USPAT	OR	ON	2003/02/24 13:33
S42	0	"5693228".URPN.	USPAT	OR	ON	2003/02/24 13:33
S43	183	((((422/58, 422/69, 422/99, 422/100, 422/101).CCLS.) and (needle or cannula or cannula or syringe)) and (sheath or cover or sleeve)) and (SPME or (solid adj phase))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 08:22
S44	1	"200286488"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 08:25
S45	2	"6203597"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:05
S46	8	("4035168" "4422860" "4559063" "4734107" "5252109" "5545252" "5714677" "5944877").PN.	USPAT	OR	ON	2003/02/25 08:27
S47	27619	(needle or cannula or syringe) with (perforat\$3 or aperture\$3 or holes)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:09
S48	1	((needle or cannula or syringe) with (perforat\$3 or aperture\$3 or holes)) and spme	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:06

S49	11728	(perforat\$4) and needle	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:09
S50	3320	(perforat\$4) with needle	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:20
S51	1	((perforat\$4) with needle) and spme	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:09
S52	520	((perforat\$4) with needle) and sampl\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:21
S53	506	(perforat\$4) adj needle	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:20
S54	74	((perforat\$4) adj needle) and sampl\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:24
S55	124	spme	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2003/02/25 10:25
S56	7	("4462880" "5263359" "5305493" "5891729" "5891835" "6050129" "6106786").PN.	USPAT	OR	ON	2003/05/14 10:10
S57	4	("4476734" "4732046" "5565622" "5691206").PN.	USPAT	OR	ON	2003/05/14 11:42
S58	11	("3733908" "3918913" "4003257" "4046014" "4128008" "4237733" "4378499" "4476734" "4527438" "4551624" "4584887").PN.	USPAT	OR	ON	2003/05/14 11:44
S59	12	"4732046".URPN.	USPAT	OR	ON	2003/05/14 11:45
S60	307	(73/863.21).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2003/05/14 12:46
S61	50	(active adj (media or coating or surface)) and (cold adj press\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/14 12:56

S62	42	spme and ((activ\$4 adj carbon) or divinylbenzene or styrene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/14 13:58
S63	23	spme and (activ\$4 adj (carbon or charcoal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/14 13:57
S64	4	spme and (needle with "stainless steel")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/14 13:32
S65	2	("5693228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/14 14:08
S66	3509	(particles or particulates or graphite or carbon) and ("cold press" or "cold pressing" or "cold pressed")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/14 14:18
S67	4	((particles or particulates or graphite or carbon) and ("cold press" or "cold pressing" or "cold pressed")) and "active coating"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/14 14:11
S68	614	(particles or particulates or graphite or carbon) with ("cold press" or "cold pressing" or "cold pressed")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/14 14:19
S69	45	((particles or particulates or graphite or carbon) with ("cold press" or "cold pressing" or "cold pressed")) and (probe or sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/15 08:10
S70	2	("4732046").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/05/15 08:11
S71	11	("3733908" "3918913" "4003257" "4046014" "4128008" "4237733" "4378499" "4476734" "4527438" "4551624" "4584887").PN.	USPAT	OR	ON	2003/05/15 08:11
S72	12	"4732046".URPN.	USPAT	OR	ON	2003/05/15 08:11
S73	56	spme and (sphere\$1 or pellet\$1 or grain\$1 or particulate\$1 or particle\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/15 08:19

S74	7	PCT/CA91/00108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/15 08:28
S75	3	("4488814" "4949038" "4974927").PN.	USPAT	OR	ON	2003/05/15 08:24
S76	3	"5691206".URPN.	USPAT	OR	ON	2003/05/15 08:24
S77	235	needle and ("cold press" or "cold pressing" or "cold pressed")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/15 08:30
S78	2030	sensor with housing with holes	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 07:02
S79	8	sensor with housing with holes with (circulate or circulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 08:59
S80	2	("5693228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/12/15 09:06
S81	118	(andresen-b\$).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 09:08
S82	14	(active with (media or coating)) and cold-pressed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 09:10
S83	4	spme and (needle with filled)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 09:12
S84	21923	needle with holes	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 10:16
S85	1	(needle with holes) and spme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 10:17
S86	145	(needle with holes) and chromatograph	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/01/05 11:12

S87	16	("4035168" "4066183" "4162977" "4245494" "4414857" "4422860" "4559063" "5006315" "5119669" "5227059" "5252109" "5347844" "5957862" "5976890" "6090190" "6090278").PN.	USPAT	OR	ON	2003/12/15 09:23
S88	3984	needle with (polydimethylsiloxane or polyacrylate or grahphite or active or carbowax or silicone or polyimide or ocatadecyltrichlorosilane or polymethylvinylchlorosilane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 09:39
S89	4	(needle with (polydimethylsiloxane or polyacrylate or grahphite or active or carbowax or silicone or polyimide or ocatadecyltrichlorosilane or polymethylvinylchlorosilane)) and spme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 09:40
S90	309	(needle with (polydimethylsiloxane or polyacrylate or grahphite or active or carbowax or silicone or polyimide or ocatadecyltrichlorosilane or polymethylvinylchlorosilane)) and (needle with filled)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 09:41
S91	1743	cannula with holes	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 10:17
S92	0	(cannula with holes) and spme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 10:17
S93	6	(cannula with holes) and chromatograph	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/12/15 10:17
S94	2	("6039923").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/01/05 11:12

S95	32	((("6039923") or ("3959183") or ("4732046") or ("5565622") or ("6164144") or ("6354135") or ("6397658") or ("6477907") or ("6481301") or ("6495375") or ("5432098") or ("5693228") or ("5938939") or ("6042787") or ("4341635") or ("5691206"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/04/26 09:32
S96	16	((("6039923") or ("3959183") or ("4732046") or ("5565622") or ("6164144") or ("6354135") or ("6397658") or ("6477907") or ("6481301") or ("6495375") or ("5432098") or ("5693228") or ("5938939") or ("6042787") or ("4341635") or ("5691206"))).PN.	USPAT; USOCR	OR	OFF	2004/04/26 11:13
S97	0	((("cold pressing" or "cold pressed") with graphite) and SPME	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:16
S98	120	((("cold pressing" or "cold pressed") with graphite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:38
S99	1	("cold pressing" or "cold pressed") with SPME	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:38
S10 0	1	("cold pressing" or "cold pressed") and SPME	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:54
S10 1	245	("cold pressing" or "cold pressed") with fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:39
S10 2	4	((("cold pressing" or "cold pressed") with fiber) and adsorb\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:40
S10 3	5400	"cold pressing" or "cold pressed"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:56
S10 4	38	("cold pressing" or "cold pressed") and (chromatograph)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:40

S10 5	0	((pressing or pressed) with graphite) and SPME	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 12:16
S10 6	4725	((pressing or pressed) with graphite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:53
S10 7	627694	polydimethylsiloxane or PDMS or polyacrylate or graphite or carbowax or silicone or polyimide or octadecyltrichlorosilane or polymethylvinylchlorosilane or polyacrylates or monolayers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:56
S10 8	1421	(polydimethylsiloxane or PDMS or polyacrylate or graphite or carbowax or silicone or polyimide or octadecyltrichlorosilane or polymethylvinylchlorosilane or polyacrylates or monolayers) and ("cold pressing" or "cold pressed"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:56
S10 9	0	((polydimethylsiloxane or PDMS or polyacrylate or graphite or carbowax or silicone or polyimide or octadecyltrichlorosilane or polymethylvinylchlorosilane or polyacrylates or monolayers) and ("cold pressing" or "cold pressed")) and SPME	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:56
S11 0	75	((polydimethylsiloxane or PDMS or polyacrylate or graphite or carbowax or silicone or polyimide or octadecyltrichlorosilane or polymethylvinylchlorosilane or polyacrylates or monolayers) and ("cold pressing" or "cold pressed")) and needle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 11:56
S11 1	33	((pressing or pressed) with polydimethylsiloxane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/26 12:16